

## PATENT DRAWING REVIEW

Under USPTO Standards 37 CFR 1.84 and 1.152

The drawings, filed on 07/09/2003, are acceptable by USPTO Standards.

**1. DRAWINGS. 1.84(a).**

- ☐ Color drawings are not acceptable until petition is granted. Fig(s).
- ☐ Three sets of color drawings are required. Fig(s).
- ☐ Pencil, non-black ink are not permitted. Fig(s).

**2. PHOTOGRAPHS. 1.84(b).**

- ☐ Poor quality photos. Fig(s).

**3. TYPE OF PAPER. 1.84(e).**

- ☐ Paper not flexible, strong, white, and durable. Fig(s).
- ☐ Erasures, alterations, over writings, interlineations, folds, copy machine marks not accepted. Fig(s).

**4. SIZE OF PAPER. 1.84(f).** Acceptable paper sizes:

- 21.0cm x 29.7cm (A4 International Standard Size)
- 21.6cm x 27.9cm (US Letter size, 8.5" x 11")
- ☐ All drawing sheets are not the same size. Sheet(s)
- ☐ Paper size not acceptable. Fig(s).

**5. MARGINS. 1.84(g).** Acceptable margins :

- Top 2.5cm – Left 2.5cm – Right 1.5cm – Bottom 1cm
- ☐ Margins not acceptable. Fig(s).
- ☐ Top    ☐ Left    ☐ Right    ☐ Bottom

**6. VIEWS. 1.84(h).**

- REMINDER: Specification may need to be revised in correspondence with the drawing changes.
- ☐ Views not labeled separately or properly. Fig(s).

**7. SECTIONAL VIEWS. 1.84(h)(3).**

- ☐ Sectional designation should be in Arabic or Roman number. Fig(s).

**8. ARRANGEMENT OF VIEWS. 1.84(i).**

- ☐ Different figures must be clearly separated. Fig(s).

**9. SCALE. 1.84(k).**

- ☐ Scale not large enough, details not clear. Fig(s).

**10. CHARACTER OF LINES, NUMBERS, LETTERS. 1.84(l).**

- ☐ Lines, numbers, letters not uniform, clean, and well defined, (poor quality). Fig(s).

**11. SHADING. 1.84(m).**

- ☐ Solid black shading not permitted. Fig(s).

**12. REFERENCE CHARACTERS: NUMBERS, LETTERS. 1.84(p).**

- ☐ Characters not plain, legible. Fig(s).
- ☐ Characters not oriented in the same direction as the view. Fig(s).
- ☐ English required. Fig(s).
- ☐ Characters must be at least .32cm (1/8") height. Fig(s).

**13. LEAD LINES. 1.84(q).**

- ☐ Crossed lead lines not allowed. Fig(s).
- ☐ Missing lead lines. Fig(s).

**14. PAGE NUMBERING. 1.84(t).**

- ☐ Drawing sheets not properly numbered. Fig(s).

**15. VIEW NUMBERING. 1.84(u).**

- ☐ View not numbered consecutively, in Arabic numbers, begin with number 1. Fig(s).

**16. DESIGN DRAWINGS. 1.152.**

- ☐ Surface shading not appropriate. Fig(s).
- ☐ Solid black shading not permitted. Fig(s).

**COMMENTS:**

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Attachment to Paper No. 20040709

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities – 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTOL-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may **NOT** be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

#### 2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

#### Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.